

# Cleanability

## General recommendations



**Ecophon**<sup>®</sup>  
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# Cleaning and disinfection

## Ecophon maintenance

Learn more about cleaning methods and which products are best suited to your needs.



Ecophon products are designed to ensure best in class performance throughout their life cycle, from installation to post-usage disposal and recycling. This performance includes best in class acoustics, durability, and ergonomics but also hygiene (including no bacteria or mould growth) and cleanability. Cleaning, be it regular or after maintenance operations, is a standard operation in the life cycle of our products, and they have been designed to reach best-in-class performance.

This leaflet provides a summary of the cleaning procedures recommended for Ecophon products. For comprehensive guidelines, always refer to a product's technical datasheet to ensure its compatibility with the described cleaning methods, or contact Ecophon.

To ensure the durability of Ecophon ceiling tiles, a couple of general recommendations should always be followed:

- Perform regular maintenance of the ventilation system
- Avoid pressure differences between the plenum and the room, unless specifically recommended by your Ecophon representative
- Wear clean cotton gloves when handling the tiles

Note: The use of clips on the back of the panels facilitates cleaning.

### Cleanability

	Ecophon Focus™	Ecophon Master™	Ecophon Hygiene™**	Ecophon Gedina™	Ecophon Advantage™	Ecophon Sombra™	Ecophon Super G™	Ecophon Combison™	Ecophon Akusto™	Ecophon Solo™
Wet wiping	Weekly***	Weekly***	Weekly	Weekly	-	-	Weekly	Weekly	Weekly**	Weekly***
Dusting & vacuum cleaning	Daily	Daily	Daily	Daily	Weekly	Weekly	Daily	Daily	Daily**	Daily

\* for additional information about how to clean and disinfect our Hygiene range see: Advanced cleanability and Chemical resistance for the Hygiene range.

\*\* applies for Akutex FT White Frost and Super G.

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### Advanced cleanability and Chemical resistance for the Hygiene range

		Ecophon Hygiene Clinic™ Connect C1 grids	Ecophon Hygiene Meditec™ Connect C1 grids	Ecophon Hygiene Protec™ Connect C1 grids	Ecophon Hygiene Performance™ Connect C3/C4 grids	Ecophon Hygiene Advance™ Connect C3/C4 grids	Ecophon Hygiene Performance™ Care Wall Connect Thinline
Advanced cleanability	Steam cleaning	-	-	-	4/year	Daily	4/year
	Wet cleaning	-	-	-	2/year <sup>1</sup>	Daily	-
	High pressure washing	-	-	-	2/year <sup>1</sup>	Daily	-
	Hydrogen peroxide vapour <sup>2</sup>	●	●	●	●	●	●
Chemical resistance*	Applicable for disinfection chemicals	-	2/year	2/year	2/year	Daily	2/year
	Ethanol	-	70%	70%	70%	70%	70%
	Sodium Hypochlorite	-	0,1%	0,1%	0,1%	5%	0,1%
	Hydrogen Peroxide	-	-	-	0,5%	0,5%	0,5%

1. Not applicable for Ecophon Hygiene Performance™ Ds.

2. Method according to supplier of HPV equipment.

\* The list of tested chemicals can be found on product pages at ecophon.com.

This publication shows products from Ecophon product range and those of other suppliers. The specifications are intended to provide a general guide to which products are most suitable for the preferences indicated. Technical data is based on results obtained under typical testing conditions or long experience in normal conditions. The specified functions and properties for products and systems are only valid on condition that instructions, installation diagrams, installation guides, maintenance instructions and other stated conditions and recommendations have been taken into consideration and followed. Deviation from this, such as changing specific components or products, will mean that Ecophon cannot be held responsible for the function, consequences and properties of the products. All descriptions, illustrations and dimensions contained in this brochure represent general information and shall not form part of any contract. Ecophon reserves the right to change products without prior notice. We disclaim any liability for misprints. For the latest information go to [www.ecophon.com](http://www.ecophon.com) or contact your nearest Ecophon representative.

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The common cleaning methods for ceiling tiles require the use of a soft microfibre cloth (made of a minimum of 70% polyester).

**Dry cleaning:** Wipe with a soft microfibre cloth using gentle circular movements, or use a vacuum cleaner with a soft brush or with a microfibre cloth wrapped around the standard head. Set the suction to a reduced level and vacuum gently, with very soft contact between the cleaner head and the tiles. Vacuum with linear movements.

**Wet wiping:** Saturate the microfibre cloth with water or with a mild detergent solution suitable for indoor painted surfaces. Wipe with circular movements and moderate pressure.

### Advanced cleanability

In demanding environments, ceiling tiles need to be compatible with advanced cleanability, disinfection and scrubbing methods. Specific Ecophon products are designed and tested for these protocols:

**Wet cleaning at low pressure:** Apply a suitable cleaning foam or gel to the surface, rinse with water and finally wipe the surface dry with a clean, soft microfibre cloth (made of a minimum of 70% polyester). Wipe with gentle circular movements.

**Wet cleaning at high pressure:** When washing tiles secured with clips, set the pressure to 20-40 bar and keep a distance of at least 0.5 m between the hose and the panel. If a pressure of 40-100 bar needs to be applied, it is recommended to demount the tiles. Lay them on a rigid surface and keep a distance of at least 1 m between the hose and the panel. In all cases, the hose should be held at a 30° angle of incidence. The water temperature should be 20°C. Clean with linear movements.

**Steam cleaning:** Apply steam to the surface of the panels through a nozzle with an attached soft microfibre cloth (made of minimum 70% polyester). Move the steamer with gentle circular movements.

**Disinfection with Hydrogen Peroxide Vapour:** According to the test method specified by Bioquell.

### Chemical resistance

Specific Ecophon products are designed to withstand use of common detergents and disinfectants. The testing method for these products involves repeated exposure to detergents or disinfectants and evaluation is carried out according to ISO 11998:2006 (Determination of wet-scrub resistance and cleanability of coatings). The testing is done with a soft microfibre cloth made of a minimum of 70% polyester.

# Ecophon®

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Ecophon is the leading supplier of acoustic solutions. We contribute to healthier indoor environments, improving quality of life, wellbeing and working performance. As evolution has adapted the human senses to a life outdoors, our focus is to bring the ideal acoustic environments of nature into our modern indoor spaces. We know they will have a sound effect on people.



The principles guiding our work are grounded in our Swedish heritage, where a human approach and a common responsibility for people's lives and future challenges come naturally.

Ecophon is part of the Saint-Gobain Group, a world leader in sustainable habitat solutions. This is also one of the top 100 industrial groups in the world, constantly innovating to make living spaces more comfortable and cost-efficient. Saint-Gobain offer solutions to the major challenges of energy efficiency and environmental protection. No matter what new needs emerge in the habitat and construction markets, the future is made of Saint-Gobain.



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